

Fig.2

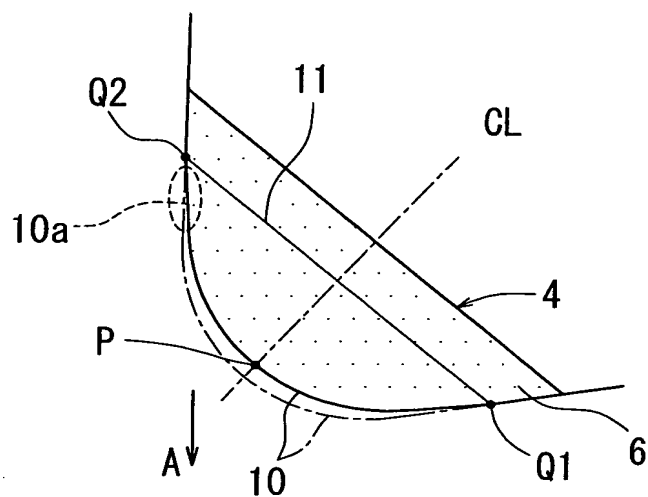


Fig.3(a)

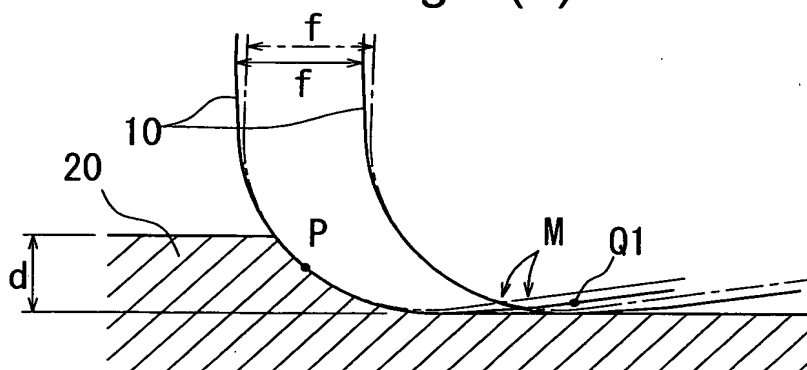


Fig.3(b)

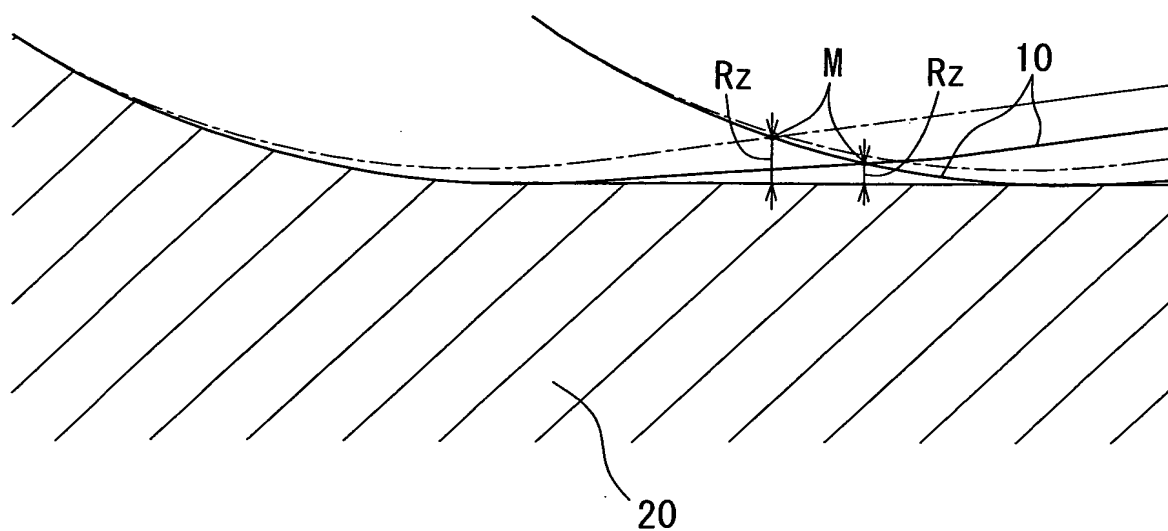


Fig.4

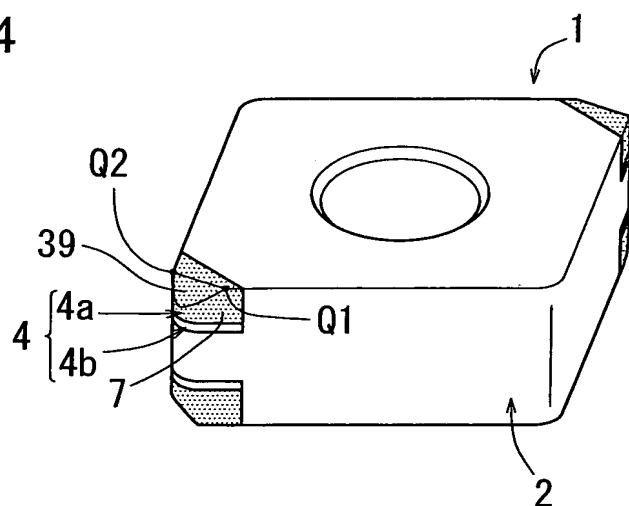


Fig.5

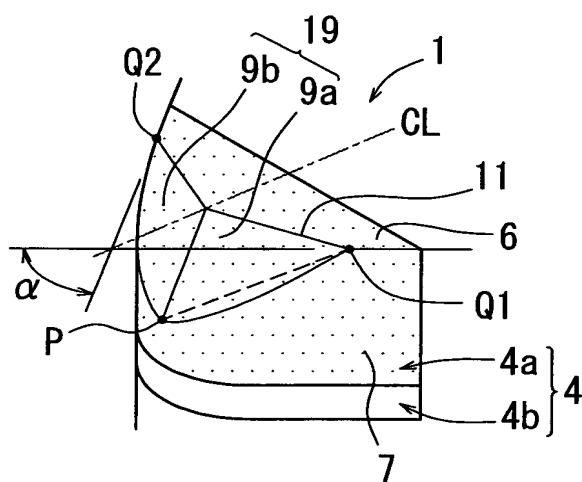


Fig.6

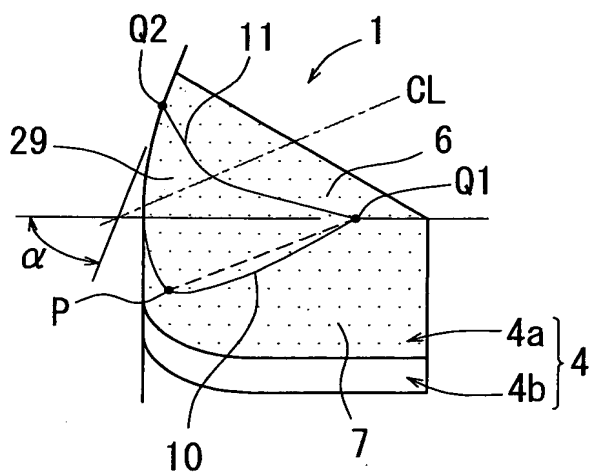
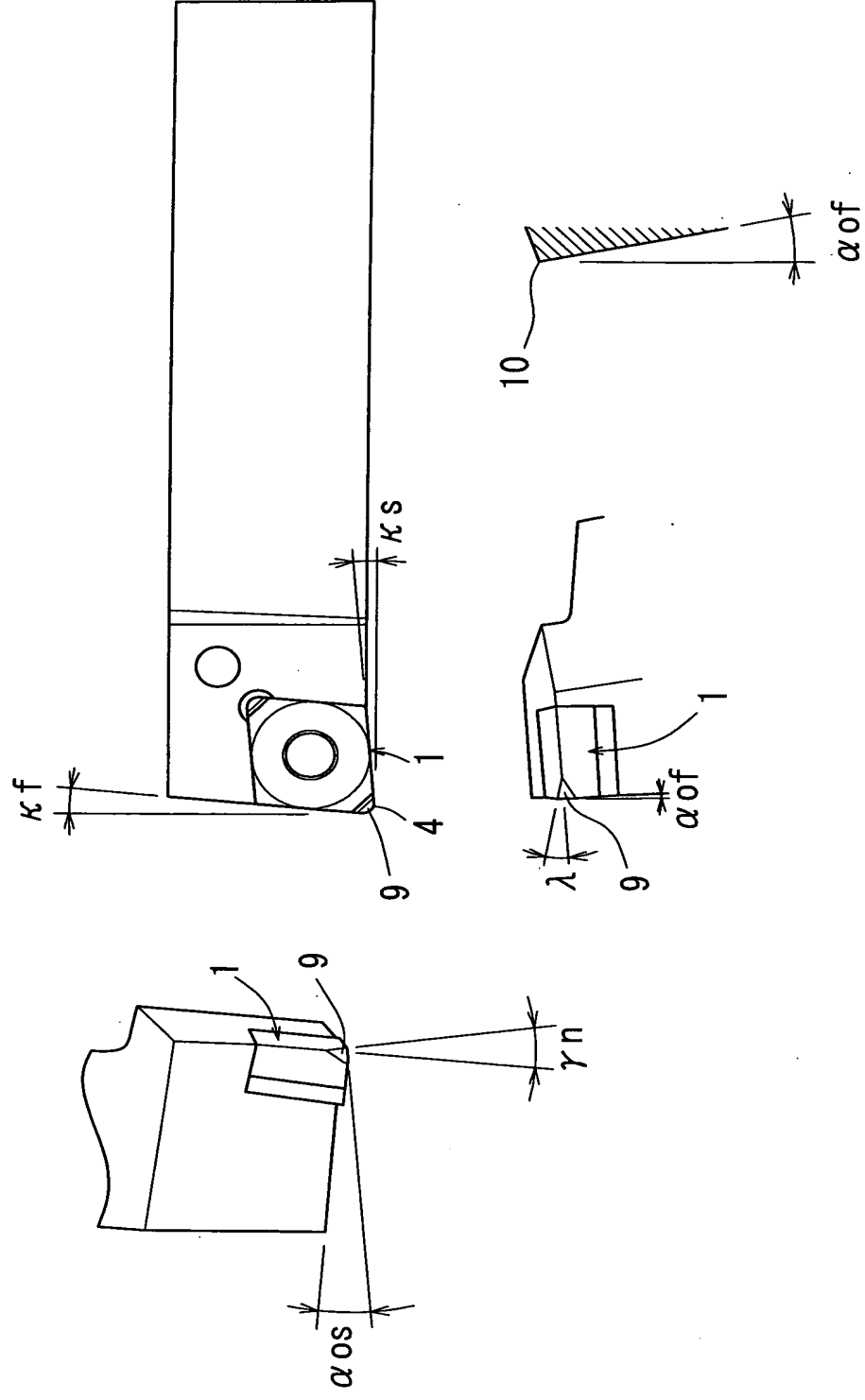


Fig.7



The diagram illustrates a propeller section with the following labeled components and forces:

- 20**: The outer circular boundary of the propeller section.
- 10**: The inner circular boundary of the propeller section.
- h**: The radial distance from the center of the propeller to the leading edge of the blade.
- p**: The pitch angle of the blade.
- 1**: The blade profile.
- Principal force**: A downward arrow representing the force acting on the blade.
- Q1**: The angle between the principal force and the tangent to the inner circle at the point of application.
- β** : The angle between the tangent to the inner circle and the chord line of the blade.
- Thrust force**: A horizontal arrow pointing to the right, representing the thrust.
- T**: The horizontal axis of symmetry.
- Q**: The angle between the horizontal axis and the chord line of the blade.

Fig.9(a)

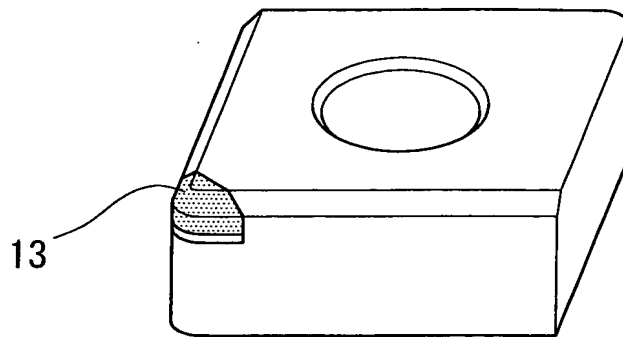


Fig.9(b)

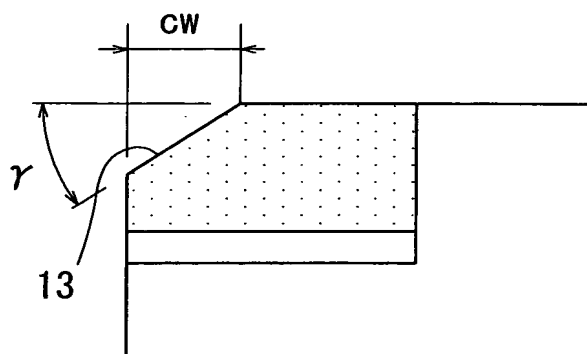


Fig.10

